

Product Datasheet

FAK Antibody (SR46-04)

NBP2-67327

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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NBP2-67327

FAK Antibody (SR46-04)

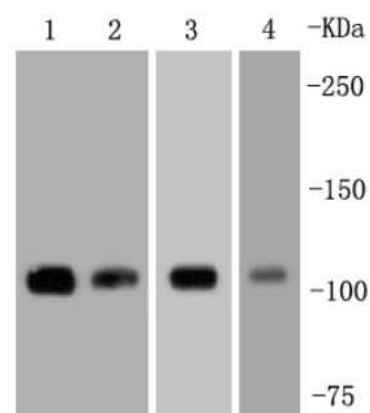
| Product Information | |
|---------------------|--|
| Unit Size | 100 ul |
| Concentration | 1 mg/ml |
| Storage | Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles. |
| Clonality | Monoclonal |
| Clone | SR46-04 |
| Preservative | 0.05% Sodium Azide |
| Isotype | IgG |
| Purity | Protein A purified |
| Buffer | TBS (pH7.4), 0.05% BSA, 40% Glycerol |

| Product Description | |
|---------------------|--|
| Host | Rabbit |
| Gene ID | 5747 |
| Gene Symbol | PTK2 |
| Species | Human, Mouse, Rat |
| Immunogen | Synthetic peptide within human FAK aa 700-740. (SwissProt: Q05397 Human; SwissProt: P34152 Mouse; SwissProt: O35346 Rat) |

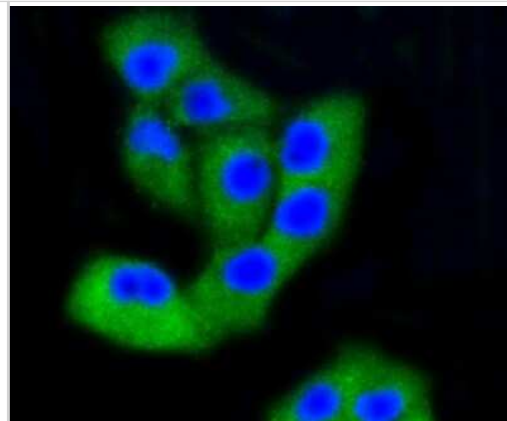
| Product Application Details | |
|-----------------------------|---|
| Applications | Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation |
| Recommended Dilutions | Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200 |

Images

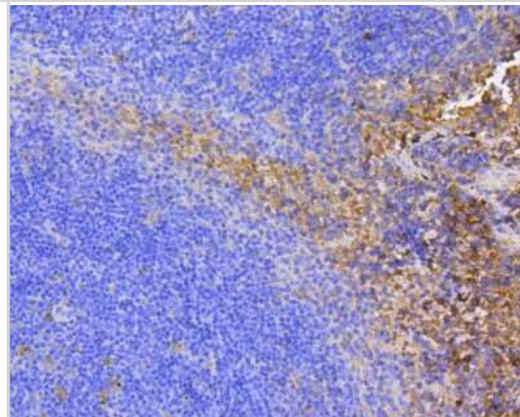
Western Blot: FAK Antibody (SR46-04) [NBP2-67327] - Western blot analysis of FAK on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbi



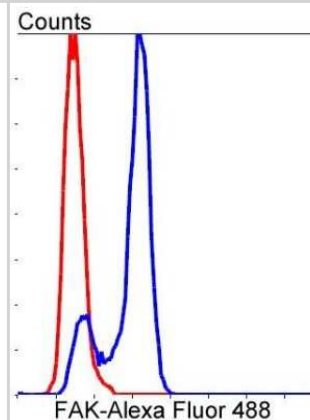
Immunocytochemistry/Immunofluorescence: FAK Antibody (SR46-04) [NBP2-67327] - Staining FAK in PANC-1 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



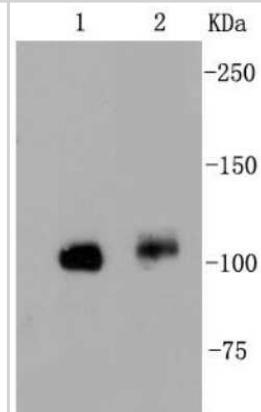
Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327] - Immunohistochemical analysis of paraffin-embedded mouse spleen tissue using anti-FAK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 m



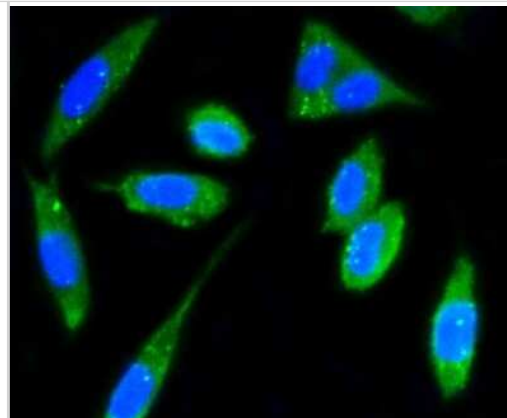
Flow Cytometry: FAK Antibody (SR46-04) [NBP2-67327] - Analysis of HeLa cells with FAK antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



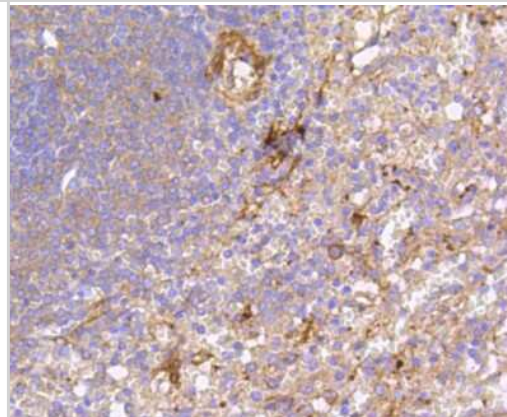
Western Blot: FAK Antibody (SR46-04) [NBP2-67327] - Analysis of FAK on different lysates using anti-FAK antibody at 1/1,000 dilution. Positive control: Lane 1: HeLa Lane 2: Mouse spleen



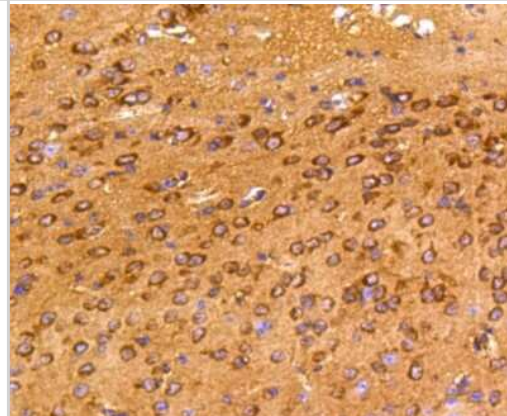
Immunocytochemistry/Immunofluorescence: FAK Antibody (SR46-04) [NBP2-67327] - Staining FAK in SH-SY-5Y cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



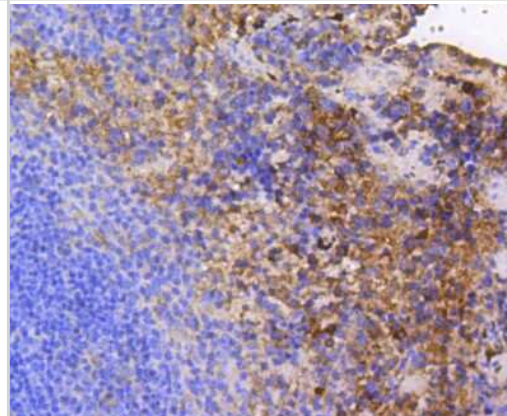
Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327] - Analysis of paraffin-embedded human spleen tissue using anti-FAK antibody. Counter stained with hematoxylin.



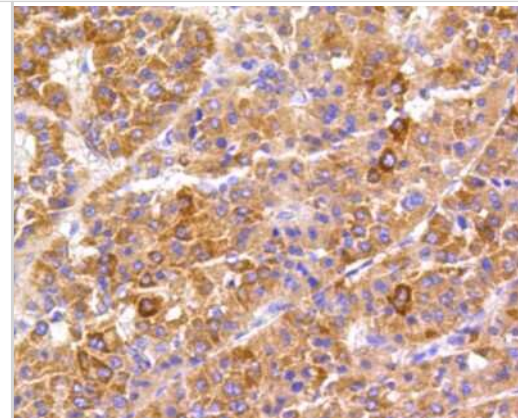
Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327] - Analysis of paraffin-embedded mouse brain tissue using anti-FAK antibody. Counter stained with hematoxylin.



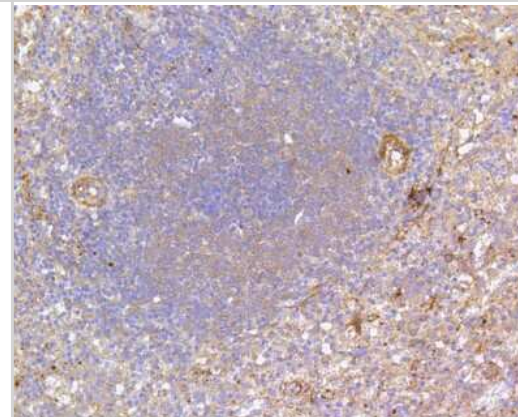
Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327] - Analysis of paraffin-embedded mouse spleen tissue using anti-FAK antibody. Counter stained with hematoxylin.



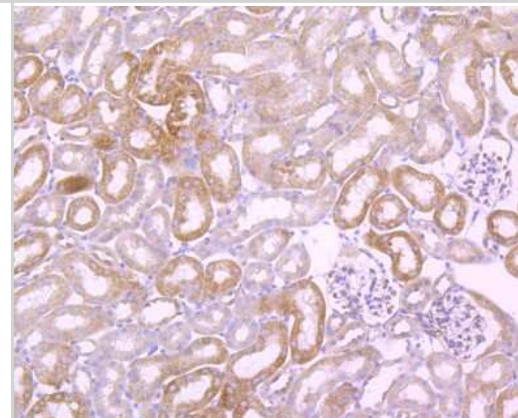
Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327]
- Analysis of paraffin-embedded human liver cancer tissue using anti-FAK antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327]
- Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-FAK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 m



Immunohistochemistry-Paraffin: FAK Antibody (SR46-04) [NBP2-67327]
- Immunohistochemical analysis of paraffin-embedded mouse kidney tissue using anti-FAK antibody. The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 8.0-8.4) for 20 minutes. The tissues were blocked in 5% BSA for 30 m



Publications

Mitra D, Bhattacharyya S, Alam N et al. Phosphorylation of EphA2 receptor and vasculogenic mimicry is an indicator of poor prognosis in invasive carcinoma of the breast Breast Cancer Res. Treat. 2019-11-04 [PMID: 31686261]



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Products Related to NBP2-67327

| | |
|---------------|---|
| HAF008 | Goat anti-Rabbit IgG Secondary Antibody [HRP] |
| NB7160 | Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP] |
| NBP2-24891 | Rabbit IgG Isotype Control |
| NBP1-84750PEP | FAK Recombinant Protein Antigen |

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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